clarion DC625

6 DISC CD CHANGER

Owner's manual

dist C-BUS

8 TIMES DVERSAMPLING DIGITAL FILTER / DUAL 1 BIT DAC



Thank you for purchasing the DC625 system.

The DC625 is designed incorporating the latest digital technologies, while featuring a newly developed CD mechanism to achieve excellent performance and good reliability

Please read this owner's manual entirely before proceeding with installation.

1. PRECAUTIONS

- 1. Please read this manual carefully before installing the unit.
- Make sure all of the mounting hardware is complete before you install the DC625
- It is recommended that you remove the negative (-) terminal from the car battery before you install the DC625. This will prevent accidental short circuiting installation.
- Do not open DC625 cases. There are no user serviceable parts inside. If you
 drop anything into the unit during installation, consult your nearest CLARION
 dealer or an authorized CLARION service center.
- Never clean the surface of your DC625 with chemical solvents, as they could damage the finish. Use a clean dry cloth.
- 6. If the car is parked for a long time in the sun during summer or in a cold location during winter, the temperature inside the car will reach extreme levels. As the unit may not function properly in such a case, use it only after the ambient temperature has returned to normal.

CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

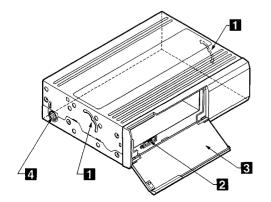
CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

INFORMATION FOR USERS;

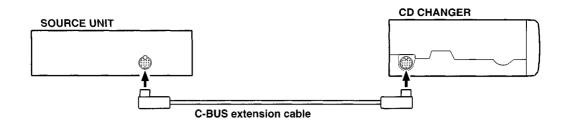
CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.



2. IDENTIFICATION OF PARTS



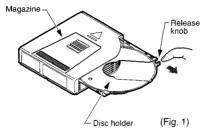
- Installation selector levers
- Eject button Press the eject button for ejecting the magazine.
- B Flip down door
- 4 C-BUS terminal (13 pin)



4. CD MAGAZINE

■ INSERTING THE CD

1. Put your finger on the disc holder release knob and draw out the disc holder, (Fig. 1)

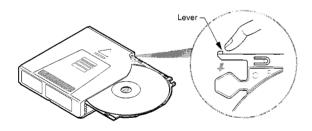


2. Insert a CD into the concave portion of the disc holder with its label side (printed side with a title, etc.) facing up. (Fig. 2)

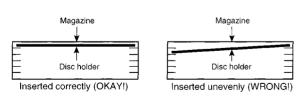


3. Press in on the disc holder until it locks securely into the magazine.

The disc holder may come completely out of the magazine if you pull too hard on the disc holder. If the disc holder should come completely out, reinsert it into the magazine correctly while pressing on the lever



Be sure you insert the disc holder evenly and at the same level as the magazine.



■ EXTRACTING THE CD

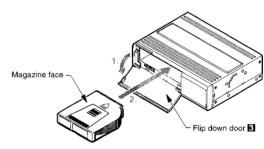
Take out the CD after pulling out the disc holder.

Note: When taking out the CD do not let your fingers touch the signal side of the CD.



■ INSERTING THE MAGAZINE

- 1. Open the flip down door RI outwards.
- 2. Set the magazine facing up as shown below and insert into the unit with the CD load/unload side on the right. Press the magazine into the unit until it locks securely.

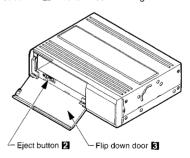


3. Close the flip down door 8

Dust and other objects can cause malfunctions if they get into the unit. Always be sure to shut the flip down door once finished with loading or unloading the magazine

■ EXTRACTING THE MAGAZINE

- 1. Open the flip down door 8 outwards.
- 2. Press the eject button 2 and take out the magazine.



INSTALLATION

1. In order to prevent short circuits during installation, the negative (-) terminal of the battery must be disconnected prior to installation.

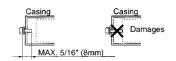


- 2. Give consideration to safety and easy handling when deciding on the installation place

 - Avoid the following places:

 A place which hampers driving.
 - A place where the safety of the passengers is compromised during an emergency brake situation.

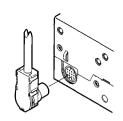
- A place which is exposed to direct sunlight or the hot air from the heater.
- A place which is exposed to rain or which comes into contact with water.
- 3. Only the provided screws and brackets should be used during installation. Using screws other than those specified will cause damage.

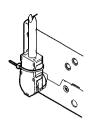


4. Before installation, check that there is no harness hidden behind any panels before drilling any holes.

5-1. Installation of connectors

- 1. When handling the cord, take the following precautionary measures:
 - · Avoid places that heat up such as the engine, the exhaust pipe and the heater vent.
 - Keep it separate from the car's own coiled and connected cords.
 - Take care not to place it across the burr edge of the metal sheet.
- 2. When connecting the C-BUS cable, fully insert it. After connection, fix the connector with a clamper as shown in the figure.



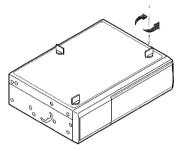


5-2. Installation of CD Changer Unit

■ Prior to Installation

1) Before attempting to use this unit you must first remove the packing safety lock-pins (3 positions). Store these lock-pins carefully so they can be used again if needed. Note:

Reinstall these lock-pins when shipping the unit back for repair.



- 2) Decide on the installation place and direction.
- 3) Adjust the installation selector levers 11 to the desired installation position.
 - * During shipment from the factory, the levers are placed in a horizontal position.

Switching the Installation Selection Lever 11

Insert an item such as a screwdriver with a fine point or the tip of a ballpoint pen into the round hole of the installation selector lever 1 to switch to the position you need.



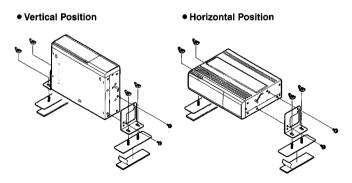
H: Horizontal	45: Slope	V: Vertical
		30°
H both sides of the unit	45° H both sides of the unit	45° H both sides of the unit
Align the installation selector levers 1 on both sides of the unit with the "H" position.	Align the installation selector levers on both sides of the unit with the "45°" position.	Align the installation selector levers 10 on both sides of the unit with the "V" position.

CAUTION

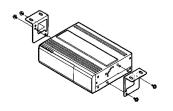
- Set the installation selector levers to the same position on both sides.
- When the unit is installed below the horizontal position (up to 15 degrees) the ejected magazine, when left in that position, will drop due to vibrations from the car.
- Adjust the installation selector levers into the correct locations. Setting the locations incorrectly or in varied positions will cause skipping.
- Do not move the installation selector levers while the unit is in use. This will cause damage to the mechanism and the disc.

5-3. Installation Procedure

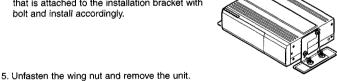
- 1. Use the double seamed hexagonal bolts to fix installation bracket to the unit (on both sides) in the desired direction of installation.
- 2. Use the wing nut to hold in place the installation bracket with bolt to the installation bracket, which is attached to the unit. Then affix the cushion rubber.



Suspending Position



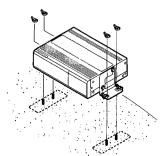
- 3. Remove the floor carpet and decide on the place to install. Adjust the installation bracket with bolts to suit the place of installation.
- 4. Remove the separator of the cushion rubber that is attached to the installation bracket with bolt and install accordingly.



- 6. Return the floor carpet to its original place. Use a knife to cut into the carpet where the bolt can be felt, and allow the bolt to protrude from the carpet.



7. Align the unit with the bolts and secure it with the wing nuts.



6. CAUTIONS

- For safety reasons, install the magazine only when the car is stationary. vent accidents, it is best that the volume inside the car does not exceed that of the outside.
- 2. Use a soft dry cloth to clean the unit. Do not use abrasive pads, benzene, thinners or alcohol. For stubborn dirt, use a soft cloth, lightly moistened with (warm) water and wipe gently.
- 3.• At the recess end of the flip down door lies the built-in pick up which is the core part of the player. If dust or dirt comes into contact with this core part it will cause damage to the the unit. Therefore, do not leave the flip down door open for long periods of time.
- If the unit is played immediately after switching on the heater when the inside of the car is extremely cold, the discs and the pick up will fog up. If this hap pens, the unit may not work normally. (Condensation) Use a soft cloth to wipe the disc when it fogs up. The fog will naturally disap-
- pear in about one hour and thereafter the disc will work normally again. 4. While the system is in play, do not plug or unplug the cables as this will cause
- 5. Do not expose the magazine to direct sunlight, the car heater or other sources of strong heat.

TROUBLESHOOTING

Sympton	Cause	Remedy
Loss of power	Bad connection	Check connections.
Magazine cannot be	Magazine inserted wrongly	Insert correctly.
loaded	A magazine is already in the player.	Eject the magazine and insert the other.
	Distorted magazine	Buy New Magazine CAA-397.
"No Disc" sign appears	Disc inserted upside-down	Read the section on "INSERTING THE CD" carefully and reinsert the CD correctly.
when searching for discs.	Moisture or dirt on disc	Wipe disc free of moisture and dirt.
Noise, skipping	The installation selector levers are set to different positions on both sides.	Set the installation selector levers to the same position on both sides.
	The unit installation direction and the installation selector lever positions do not match.	Set the unit installation direction and the installation selector lever positions to match each other. When installed at an angle, change the installation selector lever to a position (H,45°,V) not prone to noise or sound loss.
•	Disc bent or badly damaged	Compare with another disc. If bad, discard the damaged disc.
'	Disc is very dirty	Clean the disc.
Mechanism does not function.	Mechanical error	 ①Referring to section "INSTALLATION", check the three angle of installation selector levers are properly set. If not, set them at the proper position for the angle of installation. ②Check whether the CD magazine can be ejected by pressing eject button, then insert a new CD magazine.
Magazine is ejected even when inserted into the unit.	Disc holder is not correctly inserted into the magazine.	Read the section on "INSERTING THE CD" carefully and reinsert the disc holder correctly.

8. SPECIFICATIONS

Sampling Frequency: Frequency Response: Signal to Noise Ratio:

Wow and Flutter:

Power Supply:

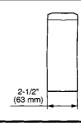
44.1 kHz 5Hz ~ 20kHz (± 1dB) 105dB (1kHz) HF.A Below measurement limits DC14.4V (10.8 ~ 15.6V)

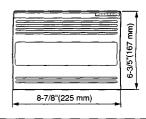
negative ground Current Consumption: Less than 1A

Weight:

3.6 lb. (1.65 kg)

*Due to improvements, the design and these specifications may be modified without prior notice.





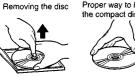
HANDLING COMPACT DISCS

- 1. When the inside of the car is very cold and the player is used soon after switching on the heater, dew may form on the disc or the optical parts of the player and proper playback may not be possible. If dew forms on the disc, wipe it with a soft cloth. If dew forms on the optical parts of the player, do not use the player for about one hour and the condensation will disappear naturally to allow normal operation.
- 2. Driving on bumpy roads which cause severe vibration may cause the sound to skip.

This unit has been designed specifically for reproduction of compact discs bearing the disc mark. No other discs can be played.

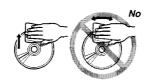
To remove the compact disc from its storage case, press down on the centre of the case and lift the

disc out, holding it carefully by the edges. Proper way to hold

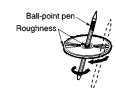


Always handle thr compact disc by the edges. Never touch the surface.

To remove fingermarks and dust, use a soft cloth, and wipe in a straight motion from the centre of the compact disc to the outside.



New discs may have some roughness around the edge. The set may not work or the sound may skip if such discs are used. Use a ball-point pen, etc., to remove roughness from the edge of the disc.



Note on Compact Discs

Never stick labels on the surface of the compact disc or mark the surface with a pencil or pen.

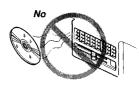
Do not use any solvents such as commercially available cleaners. anti-static spray, or thinner to clean compact discs



Do not use compact discs that have large scratches, are misshaped. cracked, etc. Use of such discs will cause misoperation or damage.



Do not expose compact discs to direct sunlight or any heat source.



Note:

	Own	Intend to buy	·			(Own	Intend to b
Home Desktop PC	1	9 🔲	Satellite Syst	em/Service	:		7 🗀	24
Laptop Computer	2	10 🗌	Cellular Telep				3□	25
Color Monitor	3 🔲	11 🔲	Pager			19	-	26
CD-ROM	4 🔲	12	Call Waiting			20	\Box	27
Computer Speakers	5 🔲	13 🔲	Karaoke			21		28
Color Printer	6 🔲	14 🔲	Vehicle Navig	ation Syste	em	22	2	29 🔲
Modem	7	15 🔲	Vehicle Secur	ity System		23	3 🗆	30 🔲
Large Screen TV (35" or larger)	8 🔲	16						
ls this your first Clarion purch	ase? 1] 1st purchase	2 🗌 2nd	purchase) 3	₃ 🔲 3rı	d or s	nore
What type of computer do you	own?	-						
1 IBM PC or Clone	2	Macintosh or (Clone	з [] Do f	Not Owr	1	
Which on-line service/network	k do you sı	ubscribe to?						
1 America Online	4] MSN		7 [] Othe	er		
2 CompuServe	5 [] Internet	•	8 🗆	☐ Do t	not have	e serv	ice/acces
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COMPLETED IN FULL AND RETURNED WITH A COPY OF YOUR RECEIPT

CLARION SALES CORPORATION PO BOX 863 BREA CA 92822-0863

Clarion

Product Registration for USA and Canada only

IMPORTANT:

- 1. Detach this section of the card and keep it with your records.
- 2. Retain your sales receipt to validate warranty service.
- 3. If you purchased a Clarion ADX Series, Pro Video or Pro Audio product, be sure to complete the box on the last page of this form.

Information on Clarion authorized Warranty Centers may be obtained by writing Clarion Corporation at the address below or by calling

1-800-GO-CLARION.

In USA:

Clarion Sales Corporation **Warranty Service Center** 661 West Redondo Beach Blvd. Gardena, CA 90247 (310) 327-9100

In Canada

Clarion Canada, Inc. **Warranty Service Center** 2239 Winston Park Drive Oakville, Ontario L6H 5R1 (905)829-4600

www.clarionmultimedia.com

HERE

Clarion WARRANTY INFORMATION

TEAR THIS PAGE OFF AND KEEP IT WITH YOUR RECEIPT!

			\$	
Model Number	Serial Number		Price Paid (before tax)	
Retailer/Dealer Name				
- -				
Retailer/Dealer Phone w/Area Code		Date Installed: M	onth Day	Year

This product is warranted against all defects in material workmanship for a period of one year from the date of original purchase. The conditions of this warranty and the extent of the responsibility of Clarion Corporation under this warranty are as follows:

- 1. PROOF OF DATE OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY ALSO BE OBTAINED BY CONTACTING OR WRITING CLARION CORPORATION AT THE ADDRESS LISTED ON THE FRONT OF THIS CARD.
- 2. This warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to product.
- 3. This warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion Corporation.
- 4. This warranty does not cover car static or other electrical interferences, tape head cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
- 5. The sole responsibility of Clarion Corporation under this Warranty shall be limited to the repair or replacement thereof, at the sole discretion of Clarion Corporation.
- 6. If it becomes necessary to send the product or any defective part to Clarion Corporation or an authorized warranty service station, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion Corporation will not assume any responsibility for any loss or damage incurred in shipping.
- 7. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE, UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
- 8. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
- 9. Should you have any difficulties with the performance of this product during warranty, or with any Clarion authorized service centers, you may contact the Clarion National Service Managers at the address listed on the front of this card or call 1-800-GO-CLARION for a listing of Authorized Warranty Service Centers in your area. 281-0607-00

PRODUCT REGISTRATION CARD

Thank you for selecting a high-quality product from Clarion. We hope you are completely satisfied with your purchase. We'd like to help serve you better by finding out more about your reasons for choosing Clarion. Please take a few moments to fill out the registration information on this card and day

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2	Wh	at C	ario	n pr	oduc	ct di	d yo	u pu	rcha	ise?															
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1	What is your ago? (Ost	ional) .		1 01-10 (O-4:1)	
4.	What is your age? (Opti	orial) 1	Marita	I Status? (Optional)	2 Married 3 Sing
5	Are there any children	in your househo	old? 1 ☐ Yes	2 🗌 N O	
	If yes, please specify age ra	nge: 3 <u> </u>	2 4 🗌 13 -1	6 5 ☐ 17 & up	
6	What is the highest lev	el of education	you have comp	leted?	
	1 Some High School		4 Completed Co	llege	7 - Vocation/Technical Scho
	2 High School Graduate	:	5 🗌 Some Gradua	te School	
	3 ☐ Some College	,	6 🗌 Completed Gr	aduate School	
7	What best describes yo	ur primary occ	upation?		
	1 Professional/Technical		5 Clerical/Serv	ice Worker	9 🔲 Homemake
	2 Upper Management/Exe	ecutive	6 🗌 Tradesman/N	Machine Operator/Labor	er 10 🗌 Student
	3 Middle Management		7 🗌 Self-Employe	ed/Business Owner	11 🗌 Retired
	4 Sales/Marketing		8 Food Service	ŀ	12 🔲 Other
8	What is your annual ho	usehold income	? (Optional)	· · · · · · · · · · · · · · · · · · ·	
	1 Under \$10,000	4 🔲 \$30,000	- \$39,999	7 🔲 \$60,000 - \$69,999	9 10 🔲 \$90,000 - \$99,9
	2 🔲 \$10,000 - \$19,999	5 🔲 \$40,000	- \$49,999	B ☐ \$70,000 - \$79,999	9 11 [] \$100,000 and ov
	з 🔲 \$20,000 - \$29,999	6 🔲 \$50,000	- \$59,999	9 🗌 \$80,000 - \$89,999	9
9	Which factors influence	ed you the MOS	T in choosing t	nis Clarion Product?	
	Group A (Please check tw	0)			
	1 Newspaper Advertisen	nent	7 🔲 Recon	nmended by Store Sales	sperson
	2 TV Commercial		8 🔲 On-lin	e Information	
	3 Radio Commercial		9 🔲 Clario	n Web Site	
	4 Magazine Advertiseme	ent	10 🔲 Store	Display	
	5 Recommended by Frie	nd/Family	11 Specia	al Promotion	
	6 Clarion Name/Reputati	on	12 🔲 Other		
	Group B (Please check tw	0)			
	13 Warranty	15 Quality/Rel	liability 1	7 🔲 Appearance/Design	n 19 🗌 Other
	14 Price	16 Features	1:	Ease of Operation	
10	What type of music do	you listen to m	ost often? (Plea	se check one)	
	1 Rock	4 🗌 Pop	7	☐ Rap	10 New Age
	2 🔲 Jazz	5 Country	8	Rhythm & Blues	11 🗌 Easy Listeni
	з 🗌 Blues	6 Classical	9	☐ Reggae	12 Alternative